

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application Number : 10/790,640 Confirmation No.: 9766  
Applicant : Michael D. West, *et al.*  
Filed : March 1, 2004  
Title : Methods of restoring telomere length and extending cell lifespan  
using nuclear transfer  
TC/Art Unit : 1632  
Examiner: : Valarie E. Bertoglio  
Docket No. : 75820.026014  
Customer No. : **21967**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Response to Final Office Action**

This is in response to the Final Office Action dated February 24, 2010. Applicant also submits concurrently herewith a Petition for a three-month extension of time under 37 C.F.R. § 1.136(a) and the fee required under 37 C.F.R. § 1.17(a)(2). With the extension, the reply is due on or before August 24, 2010. Thus, this Response is timely filed.

**Amendments to the Claims** are reflected in the Listing of Claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.